

*Technology You Can Trust*

# A&D Medical

General Catalog 2012



**WORLD CLASS  
MONITOR**

**A&D**  
A&D Medical  
<http://www.aandd.jp>

**I**s your blood pressure measurement accurate? Many factors affect your blood pressure and cause you to register different blood pressure measurements throughout the day; smoking, drinking coffee, obesity or even the nervousness you experience at the doctor's office. To obtain an accurate blood pressure measurement, physicians recommend that you periodically take your blood pressure measurement at different times of the day. This is not only an important part of "**preventive medicine**," but it provides vital information for your physician to diagnose your condition and monitor the effectiveness of treatment.

**A**t A&D, we have a broad commitment to promote a high quality of life for ordinary people. Since 1979, with the introduction of our "digital blood pressure monitor for the home," A&D has continued to design **reliable medical devices** for both home healthcare and healthcare professionals. In 1984, we made home blood pressure monitoring commonplace by refining our oscillometric technology. The oscillometric method went on to become the standard method for digital blood pressure monitoring in the home. Even though we were very proud of our accomplishments, we understood back then that our innovative technology would lead to further advances in patient care.

**A**s leaders in blood pressure technology, we began the expansion of our product line. Starting in the late 1980's, we expanded our product line to include ambulatory blood pressure monitors, bedside monitors and fully automatic monitors. Furthermore, because of the adverse health effects caused by devices that contained mercury, we went to work and developed an alternative: **a mercury-free sphygmomanometer**. Our sphygmomanometer is safe for you and safe for the environment. No wonder A&D products are trusted by hospitals, research institutes, clinics, and at home.

**T**oday, our product range encompasses medical weighing products, thermometers, nebulizers as well as telemedicine devices. **Telemedicine** devices are part of a future generation of medical devices that enable secure wireless communications between patients and doctors. **Long distance, inexpensive patient care just became easier.**

A&D will continue to design and manufacture products that solve existing and evolving patient needs. We will provide "**Technology You Can Trust**" to guarantee every patient accurate, lifetime care.

# *Our Company*

AND

## *as a Qualified Manufacturer of Medical Devices*

### **Quality system**

A&D products conform to numerous design and manufacturing standards. In addition, to conform to stringent global requirements in Japan and abroad, we received our ISO 9001 Quality System Certification in 1995. An additional certification is required for designing and manufacturing medical devices – ISO 13485. In 2004 we also received our certification for system qualification, which assures our excellence in providing medical devices to EU countries. By complying with these requirements, we are proud to display the CE marking under the 93/42/EEC Medical Device Directive.

### **Design**

A&D is proud to be a Japan-based global manufacturing company. Our Technical Center is located in Kitamoto, Japan, approximately 40 km north of Tokyo. Our research and development activities, in accordance with several requirements (ISO 9001 and Medical Device Directive for EC Communities) are conducted at this location. Our goal is to deliver the highest quality at the most competitive price in response to market demands.

Our engineers in Kitamoto are responsible for:

- ✓ New product development
- ✓ Overseeing the activities of our off-shore manufacturing
- ✓ Managing service support for our worldwide dealers and sales force
- ✓ Implementation of ISO 9001 and ISO13485, and compliance with the US FDA
- ✓ Overall management of our corporate quality program

### **Manufacturing**

At A&D, we continuously strive to improve quality. We are also a low cost supplier, maintaining our competitive edge in the marketplace, yet we are still known for our high quality and innovative designs.

### **Mission Statement**

A&D's core technology of analog and digital conversion enables us to understand and utilize information within the environment. With this competency, we provide tools using precision measurement and controlling technology and assist customers to create added value and contribute to the development of industry and healthy living.

### **Belief**

We strive for "**HONMONO**", welcome challenges, and are relentless till we deliver solutions.

HONMONO is our company belief and its literal translation from Japanese into English is "real thing." To A&D, HONMONO represents a product, service or an intangible asset that offers not only an improvement in technology but also a product ensuring customer satisfaction to the highest degree. It also implies that the people involved work in a sincere and committed manner while always keeping a clear vision of the essence of the company in mind.





## Clinical Validation

Although home blood pressure measurements have become a proven alternative for both patients and doctors in the treatment of hypertension, an inaccurate or improperly functioning blood pressure monitor is an ineffective tool in the fight against hypertension. Behind each A&D blood pressure monitor stands our integrity. In order to guarantee doctors and patients a “level of trust” when they purchase an A&D BP monitor, we submit our devices for objective clinical validations.

These validations are conducted in accordance with protocols set by organizations such as the British Hypertension Society (BHS), the Association for the Advancement of Medical Instrumentation (AAMI), and the Working Group on Blood Pressure Monitoring of the European Society of Hypertension (ESH). In addition, in the U.S., we ensure that our products meet FDA requirements, facility audits, and regulatory pathways via the 510K process. BP monitor validation protocols are part of an industry wide attempt to help manufacturers remedy defects that lead to inaccurate measurements. Simultaneously, such protocols provide doctors and patients with a venerable seal with which to distinguish the reliability of BP monitors.

A&D is very pleased that many of our monitors have been validated in the early stages of their life cycles. Furthermore, as part of our own validation process, we also recognize the importance of having Ambulatory Blood Pressure Monitors (ABPM) evaluated by physicians in order to verify their accuracy in clinical settings. One of the first models to undergo this rigorous standard was the TM-2420 (ABPM), which was the popular model of its day: its successor, the TM-2430\*, went on to become the modern accepted standard.

In recent years, as physicians have come to rely on devices for home use to support their patients continuing care, demand for the validation of personal monitors has increased. At A&D, we have confidence in the proven accuracy of our devices. Several monitors, beginning with the UA-767\* have been validated and their details published in accordance with BHS and ESH protocols. Other monitors, for example, the UM-101 Mercury-Free Sphygmomanometer, have not only been validated pursuant to international protocols, but have received considerable notoriety for environmental safety.

\* List of publications:

- 1) TM-2430: Palatini P, Frigo G, Bertolo O et al. (1998) Validation of the A&D TM-2430 device for ambulatory blood pressure monitoring and evaluation of performance according to subjects' characteristics. *Blood Pressure Monitoring*. 3: 255-260
- 2) UA-767: Rogoza AN, Pavlova, TS, Sergeeva, MV. (2000) Validation of A&D UA-767 device for the self-measurement of blood pressure. *Blood Pressure Monitoring*. 5:227-231
- 3) UA-779/631: Daniele Longo, Olivo Bertolo, Gianluca Toffanin, Paola Frezza and Paolo Palatini (2002) Validation of the A&D UA-631 (UA-779 Life Source) device for self-measurement of blood pressure and relationship between its performance and large artery compliance' *Blood Pressure Monitoring*. 7:243-248
- 4) UA-787: Danile Longo, Gianluca Toffanin, Raffaella Garbelotto, Vania Zaetta, Lucio Businaro and Paolo Palatini Performance of the UA-787 oscillometric blood pressure monitor according to the European Society of Hypertension protocol *Blood Pressure Monitoring* 2003, 8: 91-95
- 5) UA-767 Plus: Zhanna D. Kobalava, Loulia V. Kotovskaya, Olga S. Rusakova, Lala A. Babaeva Validation of UA-767 Plus device for self-measurement of blood pressure *Clinical Pharmacology and Therapy*, 2003, 12 (2)
- 6) UA-774: Paolo Verdecchia a , Fabio Angeli a , Fabrizio Poeta a , Gian Paolo Rebaldi c ,Claudia Borgioni a , Loretta Pittavini b and Carlo Porcellati a Validation of the A&D UA-774 (UA-767Plus) device for self-measurement of blood pressure. *Blood Pressure Monitoring* 2004, 9:225-229
- 7) UA-704: Zhanna D. Kobalava, Yulia v. Kotovskaya and Eugeniy Rodionov Validation of semi-automatic device UA-704 for self-measurement of blood pressure *Blood Pressure Monitoring* 2005, 10:223-225
- 8) TM-2655: Zhanna D. Kobalava, Yulia V. Kotovskaya, Lala A. Babaeva and Valentin S. Moiseev Validation of TM-2655 oscillometric device for blood pressuere measurement. *Blood Pressure Monitoring* 2006, 11(2):87-90
- 9) UA-705: Paolo Verdecchia; Fabio Angeli; Roberto Gattobigio; Enrica Angeli; Silvia Pede; Loretta Pittavini Validation of the A&D UA-705 device for self-measurement of blood pressure according to the British Hypertension Society protocol. *Blood Pressure Monitoring* 2006, 11(4):223-227
- 10) UB-511/512: Fabio Angeli, Mariagrazia Sardone, Enrica Angeli, Salvatore Repaci, Roberto Gattobigio and Paolo Verdecchia Validation of the A&D wrist-cuff UB-511 (UB-512) device for self-measurement of blood pressure. *Blood Pressure Monitoring* 2006, 11 (4): 349-354
- 11) UM-101: George S. Stergiou, Periklis P. Giovas, Charilaos P. Gkinos and Dimitris G. Tzamouranis. Validation of the A&D UM-101 professional hybrid device for office blood pressure measurement according to the European Hypertension Society International Protocol. *Blood Pressure Monitoring* 2008, 13:37-42
- 12) UA-85X: Elisa Bonso, Fabio Ragazzo and Paolo Palatini Validation of A&D UA-85X device for blood pressure measurement *Blood Pressure Monitoring* 2008, 13:339-341



# Professional Lines





## Mercury-Free Sphygmomanometer UM-101

Clinically  
Validated

The UM-101 mercury-free sphygmomanometer opens up a completely new era of professional blood pressure measurement. In 1905, Dr. Nikolai S. Korotkov introduced his theory of blood pressure measurement using the Riva-Rocci mercury monitor. Since then, blood pressure measurement using the mercury column has been reigned as the gold standard of blood pressure measurement, and his method known as the "Korotkov method" or "auscultatory method" is used for daily blood pressure monitoring by healthcare professionals worldwide.

Recently, awareness of the issue of environmental conservation has been increasing and the use of mercury has become a worldwide concern. Mercury is a toxic metal that can poison whole communities and remain in the local environment for many years creating serious health risks. Therefore, the banning of mercury is essential in order to maintain a clean and safe environment.

As a leading manufacturer of blood pressure monitors, A&D is responding to the call from the international medical community to ban the use of this toxic metal and has developed a new, highly advanced digital blood pressure monitor. The UM-101 was designed to be used as an alternative to the mercury column, while at the same time preserving the local environment and creating an easy-to-use product for hospital personnel.

- Auscultatory blood pressure measurement without mercury
- Digital readout for pulse rate
- Adjustable display column for easier analysis of results
- Choice of two models to suit diverse requirements
  - A - Portable model
  - B - Mobile stand model



### Blood Pressure Monitor

## UA-789XL



CE 0366



The UA-789XL was designed for patients with large arms, especially those who have experienced difficulty monitoring their blood pressure at home or even in a hospital environment. Our newest technology has made it possible to perform measurements on arms with a circumference of 42 cm to 60cm! In addition to large numeric display, the UA-789XL incorporates a WHO classification indicator, an Irregular HeartBeat (IHB) indicator and a separate memory recall button to provide comprehensive measurement results.

- A larger arm circumference range, between 42cm and 60cm
- Simple one-touch measurements
- Irregular HeartBeat (IHB) indicator
- Blood pressure classification indicator
- Large 60-memory + average reading including time and date
- Large comprehensive 3-line display
- Clock display and reminder alarm

#### Comparison of cuffs



Adult cuff  
(Not to be used with UA-789XL)



Extra large cuff  
(Standard cuff for the UA-789XL)

### Precision Scale

## AD-6121A



The AD-6121A precision scale was designed for professional use with slim & compact functions in mind. A low profile of only 57mm makes it easily accessible for patients and its 100g resolution can display small differentiations in weight. This precision scale weighs only 3 kg so it can be easily carried to a suitable location for patient weighing and its compact size means that it can be easily stored under a patient's bed.

- EC Type approved Class III
- Standard uni-directional RS-232C
- 100 g resolution and up to 150 kg capacity
- Very low profile (57 mm height) with rugged construction
- Light as 3 kg for great portability
- Built-in handle for easy transportation
- Back-lit display for easier viewing in dim conditions
- Tare function for precise weighing
- Measurement values can be rotated 180 degrees for ease of use during group medical checkups





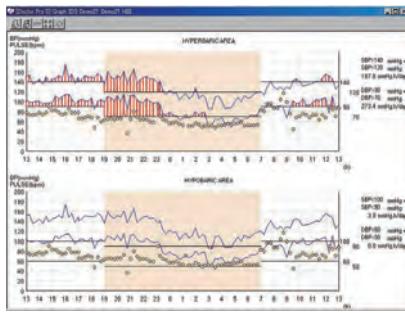
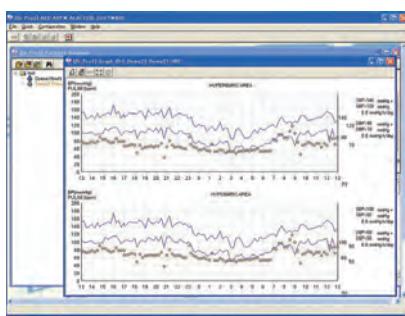
## Ambulatory Blood Pressure Monitors TM-2430

Clinically  
Validated

CE 0366

The TM-2430 is a compact & lightweight ambulatory blood pressure monitor, which incorporates our technological knowledge gained from over 20 years experience in the manufacturing of ambulatory BPMs. This monitor was validated in accordance with BHS protocol and its accuracy was proven to be A/A. The portable TM-2430 can be easily taken anywhere with a patient.

- 24 hour ambulatory blood pressure monitoring
- Light weight & compact size  
(156g\*, 72(W) x 27(H) x 100(D) mm) \*Without batteries
- Oscillometric measuring method
- New pulse correction algorithm for faster measurement & noise rejection
- Automatic or manual measurement
- Battery Power (3 alkaline or Ni-MH "AA")
- Date/Time display
- Multiple measurement intervals - adapts to patient's exact requirements.
- Data output to PC
- Disposable Cuff is available (Option)



## Doctor Pro 3 CE 0366 Windows™ Software

The new version of Doctor Pro increases user productivity and has superb analysis capabilities. A newly designed GUI makes processing data taken by A&D ambulatory blood pressure monitors easy for professionals. The new software has inherited all the analyzing graphs from its former version, including Trend, Correlation, Histograms, Circadian Rhythm analysis and a Hyperbaric Index (HBI or BP load) with a newly designed screen. Doctor Pro 3 and our ABPM can be connected via a USB.

A&D devices that can be connected with Doctor Pro 3:  
TM-2430 ambulatory BPM  
UA-767PC

### Fully Automatic Blood Pressure Monitors

## TM-2655 Series



Clinically  
Validated



Nowadays, modern hospitals are required to give more attention to each patient. Repeated testing to diagnose a patient can consume valuable time. The TM-2655 series fully automatic blood pressure monitor enables patients to take their own BP measurement, without the support of hospital personnel. The TM-2655 Fully Automatic BP Monitor helps achieve efficient and quality treatment of patients, while at the same time lightening the workload of hospital personnel.

TM-2655 – Blood pressure monitor

TM-2655P – Printout capability is added to TM-2655

- Compact size
- Either arm measurement
- One-touch measurement
- Large LED display
- Quick printout (2655P only)
- Printout bitmap image (2655P only)
- Dual RS-232C ports
- Irregular HeartBeat (IHB) indicated on printout



To provide a warning to healthcare givers the IHB symbol shall be shown on the printout if the TM-2655P recognizes an irregular heartbeat (or heavy body movement) during the measurement.

### Fully Automatic Blood Pressure Monitors

## NEW TM-2656



The TM-2656P is designed for more accurate blood pressure measurement with a focus on ease of use, durability, and scalability. Its symmetrical design with 2 independent start buttons enables easy measurement of either arm. Also, its simple, low-profile design fits in various using scene in hospital, fitness center, and office. An optional extension board is also available for networking. (RS-232C, USB, Bluetooth)

- Compact symmetrical design for measurement of either arm
- Independent start button on both sides
- Arm cuff unit has the same structure as with manual measurement and an original tightening method
- Large LED display
- Irregular HeartBeat (IHB) indicator
- Optional extension board (USB, RS-232C, Bluetooth)
- Various print content



\* CE Marking in preparation





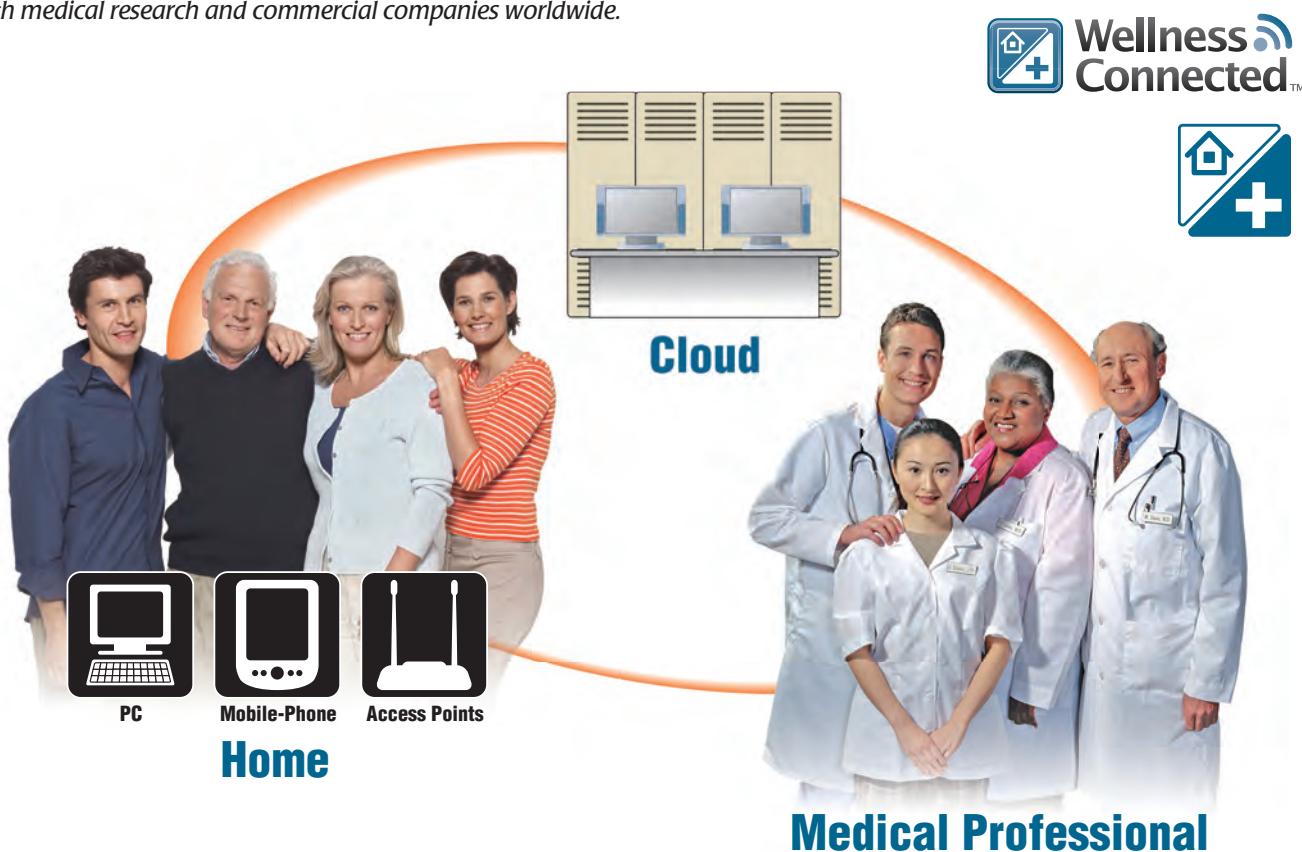
# Telemedicine



# Medical / Home Healthcare ICT service with A&D

A&D has established a leading position in the global market providing telemedicine sensors to the healthcare industry. Since the 1980s, A&D has provided oscillometric blood pressure monitors for both professional and home use and this strong foundation has paved the way for our next generation product line. A&D's telemedicine product line was introduced in 1995 in response to a growing demand in the research sector for telemedicine solutions.

Since then, A&D has been recognized as the supplier of choice in the development of telemedicine sensors, in partnership with medical research and commercial companies worldwide.



A&D's unique core competencies have allowed it to develop its Wellness Connected family of products to help you collect and store your health information, and share it with doctors, family, and other people in your community. The flexibility of the Wellness Connected concept gives you the freedom to access to your information anywhere and anytime through a range of devices and services.



Serving both Professional Medical sector and Home Healthcare market as a full line product manufacturer since 1977, A&D Medical offers innovative key monitoring devices such as Blood Pressure Monitors and Precision Health Scales with Bluetooth connectivity for disease management service worldwide. These monitors are being used in the home environment with quality and reliability guaranteed under our Bridging Home and Hospital concept.





**Continua**  
CERTIFIED™

Continua Health Alliance is a non-profit, open industry coalition of the finest healthcare and technology companies joining together in collaboration to improve the quality of personal healthcare. With more than 240 member companies around the world, Continua is dedicated to establishing a system of interoperable personal health solutions with the knowledge that extending those solutions into the home fosters independence, empowers individuals and provides the opportunity for truly personalized health and wellness management.

## Continua Certified Models

**Bluetooth®**

**Upper Arm Blood Pressure Monitor** **UA-767PBT-C** 0366 0678 Ø

The UA-767PBT-C was designed based on the UA-767 Plus, which is clinically proven in accuracy. It has inherited some advanced features from the original model, but is equipped with Bluetooth® wireless communication technology, giving it extended and advanced capabilities.

- Bluetooth Class 1
- Improved compatibility with various Bluetooth receivers
- Built-in real time clock
- 25-measurement memory
- Irregular HeartBeat indicator - LCD only
- Extra large 3-line display for easier reading of results
- One-touch measurement
- Comfortable SlimFit cuff



\*Validated as UA-767 Plus

**Precision Health Scale**

**UC-321PBT-C** 0678 Ø

The UC-321PBT-C was designed based on the UC-321PL, which has a 200kg (450 lb) capacity with a fine resolution of 100g (0.2 lb). It shares some characteristics with the UC-321 Precision Personal Health Scale series. Extended functionality of wireless communication is provided by Bluetooth®.

- Bluetooth Class 1
- Improved compatibility with various Bluetooth receivers
- Built-in real time clock
- 25-measurement memory
- 100g resolution up to 200kg capacity
- Very low profile
- Rugged construction
- Motion tolerance
- kg / lb selection



## Certifications

Continua Models	Regular Models
Bluetooth Ver.2.1 Class 1 SSP, HDP Continua Certified	Bluetooth Class1 Ver 2.0 SPP QDID B013848
Device specialization	
UA-767PBT-C IEEE11073-10407	
UC-321PBT-C IEEE11073-10415	
Continua certified product No	
UA-767PBT-C 0000004	
UC-321PBT-C 0000005	
EU CE0678Ø	EU CE0678Ø
USA FCC ID POOWML-C40	USA FCC ID POOWML-C40
Japan 001NYCA1442	Japan 001NYCA1442
Korea AD7-UA-767PBT	Korea AD7-UA-767PBT



\*Validated as UA-767 Plus

### Wireless Communications



#### Upper Arm Blood Pressure Monitor

**UA-767PBT**



CE 0366  
0678

Clinically Validated

The UA-767 PBT was designed based on the UA-767 Plus, which is clinically proven in accuracy. It has inherited some advanced features from the original model, but is equipped with Bluetooth® wireless communication technology, giving it extended and advanced capabilities.

- Bluetooth Class 1
- Improved compatibility with various Bluetooth receivers
- Built-in real time clock
- 40-measurement memory
- Irregular HeartBeat indicator - LCD only
- Extra large 3-line display for easier reading of results
- One-touch measurement
- Comfortable SlimFit Cuff



### Precision Health Scale

**UC-321PBT**



CE 0678

The UC-321PBT was designed based on the UC-321PL, which has a 200kg (450 lb) capacity with a fine resolution of 100g (0.2 lb). It shares some characteristics with the UC-321 Precision Personal Health Scale series. Extended functionality is provided by Bluetooth® wireless communication.

- Bluetooth Class 1
- Improved compatibility with various Bluetooth receivers
- Built-in real time clock
- 40-measurement memory
- 100g resolution up to 200kg capacity
- Very low profile
- Rugged construction
- Motion tolerance
- kg / lb selection



### Precision Scale

**NEW AD-6121ABT1**



The AD-6121ABT precision scale was designed for professional use with slim & compact functions in mind. A low profile of only 57mm makes it easily accessible for patients and its 100g resolution can display small differentiations in weight. This precision scale weighs only 3 kg so it can be easily carried to a suitable location for patient weighing and its compact size means that it can be easily stored under a patient's bed.

- EC Type approved Class III
- Bluetooth Class 1
- Higher compatibility with various Bluetooth receivers
- Built-in real time clock
- 40-measurement memory
- 100g resolution and up to 150kg capacity
- Very low profile (57mm height) with rugged construction
- Light as 3kg for great portability
- Built-in handle for easy transportation

### Wired Communications (RS-232C) Upper Arm Blood Pressure Monitor

### UA-767PC



CE 0366



The UA-767PC is an upper arm blood pressure monitor capable of storing up to 280 measurements and it can also transfer data to an external system via the RS-232C. The fully bi-directional RS-232C interface allows the user to control the device remotely, set parameters, clear data, and more.

- Easy, one-touch measurement
- Large, easy-to-read liquid crystal display
- Standard RS-232C
- 280-measurement memory
- Display time and date



\*Validated as UA-767

### Precision Personal Health Scale UC-321P/PL



CE

This low profile precision scale can automatically store 31 weight measurements to be either automatically or manually uploaded to a PC. Our new "smart sensor" for superior weight control can detect tiny 50g increments. We provide a free Weight Diary to help you plan a healthier lifestyle.

- Standard uni-directional RS-232C
- UC-321P 50g resolution / Maximum capacity of 150kg
- UC-321PL 100g resolution / Maximum capacity of 200kg
- Target weight setting (UC-321P only)
- Built-in 31-measurement memory function (UC-321P only)
- BMI standard calculation (UC-321P only)
- Ultra low profile (35mm)



### Precision Scale AD-6121A



CE

The AD-6121A precision scale was designed for professional use with slim & compact functions in mind. A low profile of only 57mm makes it easily accessible for patients and its 100g resolution can display small differentiations in weight. This precision scale weighs only 3 kg so it can be easily carried to a suitable location for patient weighing and its compact size means that it can be easily stored under a patient's bed.

- EC Type approved Class III
- Standard uni-directional RS-232C
- 100 g resolution and up to 150 kg capacity
- Very low profile (57 mm height) with rugged construction
- Light as 3 kg for great portability
- Built-in handle for easy transportation
- Back-lit display for easier viewing in dim conditions
- Tare function for precise weighing
- Measurement values can be rotated 180 degrees for ease of use during group medical checkups



### Near Field Communications



\*Validated as UA-767 Plus

- N** Examples of communication devices that comply
- NFC-enabled cellular phone
  - Personal computer with NFC reader/writer
  - Access Point

### Upper Arm Blood Pressure Monitor UA-767 NFC



Clinically  
Validated



The UA-767NFC was designed based on the UA-767 Plus, which is clinically proven in accuracy. It has inherited some advanced features from the original model, but is equipped with near field communication technology, giving it extended and advanced capabilities.

- NFC Forum Type 3 Tag wireless interface module built in
- Clock display (clock updates at the same time of data transmission)
- 100-measurement memory
- Irregular HeartBeat indicator
- Extra large 3-line display for easier reading of results
- One-touch measurement
- Latex-free and metal-free, SlimFit Cuff



### Precision Personal Health Scale UC-324 NFC



The UC-324 is a stylish glass plate health scale, which has a 150kg (330lb) capacity with fine resolution. This low profile scale help users gain precise control of their body weight with data transmission to NFC-enabled devices.

- NFC Forum Type 3 Tag wireless interface module built in
- 100-measurement memory
- 0 to 100kg : 0.05kg resolution
- 0 to 330lb : 0.1lb resolution
- Very low profile
- kg / lb selection



### Activity Monitor UW-101 NFC



The UW-101NFC is equipped with a 3-axis accelerometer, which detects motion in all directions. This technology allows it to accurately track steps and distance walked and calculates the calories burned even when carried in a pocket or bag.

- NFC Forum Type 3 Tag wireless interface module built in
- 3-axis accelerometer
- Slim & compact body
- Displays steps, distance, and calories
- 14-day memory
- Clock
- Motion indicator to display walking intensity

# Telemedicine

## Telemedicine Products

AND

Model	 22-32cm SlimFit Cuff 22-32cm	 17-32cm SmoothFit cuff 17-32cm	 17-32cm Preformed e-Cuff Adult 17-32cm	 22-43cm Preformed e-Cuff European Adult 22-43cm
<b>Telemedicine</b>				
UA-767PBT-C	●			
UA-767PBT	●			
UA-767PC	●			
UA-767NFC	●			
<b>Personal Line</b>				
UA-1010	●			
UA-1020		●		
UA-1030T		●		
UA-855				●
UA-854				●
UA-853	●			
UA-852	●			
UA-851	●			
UA-787Plus			●	●
UA-774	●			
UA-767Plus30	●			
UA-767Plus	●			
UA-767	●			
UA-631	●			
UA-621	●			
UA-705	●			
UA-704	●			
UA-782			●	

Cuff Model	Size	REF	A&D Order code
SlimFit Small Cuff	18-22cm	CUF-D-SA	UA-CUFBOXCH-EC
SlimFit Adult Cuff	22-32cm	CUF-D-A	UA-CUFBOXAU-EC
SlimFit Large Cuff	32-45cm	CUF-D-LA	UA-CUFBOXLA-EC
SlimFit Small Cuff (Latex-free and metal free)	16-24cm	CUF-F-SA	UA-CUFFBOXCH-EC
SlimFit Adult Cuff (Latex-free and metal-free)	22-32cm	CUF-F-A	UA-CUFFBOXAU-EC
SlimFit Large Cuff (Latex-free and metal-free)	31-45cm	CUF-F-LA	UA-CUFFBOXLA-EC
SmoothFit Cuff (Latex-free and metal-free)	17-32cm	CUF-G-A	UA-CUFGBOXAU-EC
Preformed e-Cuff Adult	17-32cm	CUF-U-A	UA-CUFUBOXAU-EC
Preformed e-cuff European Adult	22-43cm	CUF-U-LA	UA-CUFUBOXLA-EC



# Personal Lines





A&D, a pioneer in home blood pressure monitoring, has once again come up with a new series of world-class monitors with 3A Technology that sets new industry standards and enhances value for users. A&D created a next-generation blood pressure monitor to achieve user-friendliness and ease of use by developing skills and experience accumulated over 30 years with medical equipment.

## UA-1000 Series UA-1010 / UA-1020 / UA-1030T



### Advanced Cuff design

Latex-free and metal-free plus wrinkle-free cuff designs.

### Advanced Inflation

User selection made possible between A&D's fuzzy logic inflation and anxiety-free "MyPressure" setting.

### Advanced Deflation

Linear-motor driven active deflation valve makes it measure accurately for all cuff sizes.

### Advanced Cuff Design

2 types of user-friendly cuffs - SlimFit Cuff & SmoothFit Cuff



#### SlimFit Cuff

##### **Latex-free and metal-free**

Plastic is used for the material of the D ring.

- size : Adult (22-32cm)
- Large (31-45cm)
- Small (16-24cm)



#### SmoothFit Cuff

##### **Latex-free and metal-free**

##### **Painless, comfortable cuff**

The new patent-pending technology of the solid-body bladder and inner sewing techniques creates fewer wrinkles inside.

- size : Adult (17-32cm)



### Advanced Inflation

2 types of Inflation mode - fuzzy logic inflation & "MyPressure" setting

#### Fuzzy logic inflation

#### Easy, one-button operation AUTO

For all UA-1000 models

Personalized optimal pressurization and pulse detection during Inflation. Just press START to take the measurement.



#### Faster and more comfortable measurement

180 210 240

For UA-1020 & 1030T

Inflation at a pressure set (180/210/240mmHg) according to one's blood pressure value. The set pressure shortens Inflation time and makes measurement more comfortable.

### Advanced Deflation

Linear-motor driven active deflation valve makes it measure accurately for all cuff sizes.

Deflation using the new ECEV 3G ( Electronic Controlled Exhaust Valve), which is more compact than ever with much better performance for blood pressure monitors.



Latex-free and metal-free,  
SlimFit Cuff



Cuff Fit Error Indicator



WHO Blood Pressure Classification  
Indicator



My Pressure Setting mode  
(AUTO/180/210/240)



Newly designed SmoothFit Cuff for painless  
and comfortable measurement  
(Latex-free and metal-free)



Movement Error Indicator



90-memory + Average Reading (All/AM/PM)



TriCheck™ mode for consecutive  
3 measurements and average reading



Irregular Heartbeat Indicator (IHB)



Clock & Calendar



Clear voice announcement of  
measurement results

# Personal Lines

## Blood Pressure Monitors

AND



### Upper Arm Blood Pressure Monitors

#### NEW UA-1010 CE 0366

##### Simple monitoring with more accuracy

It offers easy, one-button operation with new functions that will guide user to accurate measurements. UA-1010 uses the new latex-free and metal-free SlimFit cuff which is more friendly to sensitive skin.

- Latex-free and metal-free, SlimFit Cuff
- Cuff Fit Error Indicator
- Movement Error Indicator
- Irregular HeartBeat (IHB) Indicator
- WHO Blood Pressure Classification Indicator
- 90-memory + Average reading (All/AM/PM)

Clinically Validated

CE 0366

SlimFit Cuff



#### NEW UA-1020 CE 0366

##### Individualized monitoring with more comfort

UA-1020 is equipped with newly designed SmoothFit cuff, which enables painless, comfortable measurement. Also it has two unique modes. MyPressure mode provides individualized inflation and shorten the measurement time. The TriCheck™ mode automatically takes three consecutive readings with one-minute intervals for most accurate results.

- Newly designed SmoothFit Cuff for painless and comfortable measurement (Latex-free and metal-free)
- TriCheck™ mode for consecutive 3 measurements and average reading
- MyPressure Setting mode (AUTO/180/210/240)
- Cuff Fit Error Indicator
- Movement Error Indicator
- Irregular HeartBeat (IHB) Indicator
- WHO Blood Pressure Classification Indicator
- 90-memory + Average reading (All/AM/PM)

Clinically Validated

CE 0366

SmoothFit cuff  
\*Patent pending



#### NEW UA-1030T CE 0366

##### Talking monitor for everyone

UA-1030T has come with the latest talking technology with all features of UA-1020. It announces the results in 5 languages (English, French, Spanish, Italian, and Chinese). You can increase volume through six levels or switch on to silent mode if required.

- Clear voice announcement of measurement results
- Newly designed SmoothFit Cuff for painless and comfortable measurement (Latex-free and metal-free)
- TriCheck™ mode for consecutive 3 measurements and average reading
- MyPressure Setting mode (AUTO/180/210/240)
- Cuff Fit Error Indicator
- Movement Error Indicator
- Irregular HeartBeat (IHB) Indicator
- WHO Blood Pressure Classification Indicator
- 90-memory + Average reading (All/AM/PM)

Clinically Validated

CE 0366

SmoothFit cuff  
\*Patent pending





\*Validated as UA-85X



\*Validated as UA-85X



\*Validated as UA-85X



\*Validated as UA-85X



\*Validated as UA-85X

## UA-855

Your Supporter for Monitoring Long Term Trends

This is the first blood pressure monitor which makes large memory meaningful. A graphical WHO classification indicator and colored LED indicator, a histogram of stored data and room temperature display helps you understand the meaning of your readings. In addition, you can share this unit with a family member since it has independent memory for 2 persons.

- Graphical blood pressure classification indicator/LED indicator
- Histogram display for stored data
- Two independent memories (120 x 2) + average reading with time, date and temperature
- Room temperature display
- Various memory recall for closer monitoring (All, 1 week, 1 month - with AM/PM selection)
- New large bold display for easier reading
- Smooth and fast measurement
- Irregular HeartBeat (IHB) indicator
- Reminders to alarm for medication

## UA-854

Closer Monitoring of Your Ambience

The UA-854 has an extra parameter for monitoring your blood pressure. This monitor displays your room temperature at anytime! Knowing your room condition may help you to maintain your body condition better than ever. And this UA-854 carries all the features from UA-853, AM/PM TimeWise Tracking for close monitoring of your BP trend.

- Room temperature display
- Separate AM/PM memory recall
- New large and bold display for easier reading
- Smooth and fast measurement
- Irregular HeartBeat (IHB) indicator
- Blood pressure classification indicator
- Reminder alarms for medication
- Large 90-memory + average reading with time, date and temperature

## UA-853

AM/PM TimeWise™ Tracking

The UA-853 is equipped with TimeWise™ Tracking Technology memory recall. This function allows you to recall your morning (AM) or afternoon (PM) measurements as well as your average AM, PM or daily measurements, providing users with a detailed daily BP analysis.

- Separate AM/PM memory recall
- Clock display
- Smooth and fast measurement
- Irregular HeartBeat (IHB) indicator
- Blood pressure classification indicator
- Large 90-memory + average reading with time and date

## UA-852

Closer Monitoring with Regular Measurements

The UA-852 promises fast and easy measurement for your daily monitoring. You can set 3 reminders within a 24-hour period to alert you of your ideal measurement times.

- Clock display
- Smooth and fast measurement
- Irregular HeartBeat (IHB) indicator
- Blood pressure classification indicator
- Large 90-memory + average reading with time and date

## UA-851

More Information with More Measurements

The UA-851 is an elegant unit, which is equipped with the latest technology for convenient blood pressure monitoring. A large memory can store your frequent BP measurements and your BP trend is also conveniently stored in the built-in memory.

- Large 3-line display
- Irregular HeartBeat (IHB) indicator
- Blood pressure classification indicator
- Large 90-memory + average reading

### Overview of UA-85X Series

Model	UA-851	UA-852	UA-853	UA-854	UA-855
Cuff		Slimfit Cuff 22-32cm			Preformed e-Cuff 22-43cm
Clock, Calendar		●	●	●	●
Memory	90	90	90	90	120 x 2
Average reading	●	●	●	●	●
AM/PM memory recall w/average					
IHB indicator	●	●	●	●	●
Histogram of memory data					
BP classification	WHO	WHO	WHO	WHO	WHO, graphical Color LED
BP classification annunciator					
2 person independent memory					●
Illuminated button	●	●	●	●	●
Alarm		●	●	●	●
Room temperature				●	●
Fuzzy inflation	●	●	●	●	●
ECEV2			●	●	●

## Upper Arm Blood Pressure Monitors

### UA-787Plus



CE 0366

The UA-787 Plus incorporates A&D's latest blood pressure monitoring technology for use in a professional environment or in the home. Shorter measurement time, a large numeric display, as well as indicators, such as WHO classification and IHB, provide ease-of-use and comfort for all users. A separate memory recall button allows the user to view 60 previous BP readings with a time indicator for simple long-term BP monitoring.

- Smooth and fast measurement
- Irregular HeartBeat (IHB) indicator
- Blood pressure classification indicator
- Large 60-memory + average reading including time and date
- Newly designed e-Cuff for easy fastening and comfortable measurement
- Large comprehensive 3-line display
- Clock display and reminder alarm



\*Validated as UA-787

22-43cm  
\*for UA-787Plus L

17-32cm

### UA-774 Dual Memory Monitor



Clinically Validated

CE 0366

The UA-774 is equipped with dual 30-memory storage and averaging capability, and can be used by two people in the home. Our technology ensures ease-of-use as with all A&D monitors and colored illuminated buttons help you to visually confirm the activation of the monitor. An irregular HeartBeat (IHB) indicator and BP classification indicator provide more detailed monitoring together with a 30-reading memory.

- Irregular HeartBeat (IHB) indicator
- Blood pressure classification indicator
- Dual 30-memory + average reading
- SlimFit comfortable cuff
- Illuminated start button
- Standard AC adapter inlet



22-32cm

### UA-767Plus 30 The Monitor Tells You More



Clinically Validated

CE 0366

The UA-767 Plus takes you one step further in the monitoring of your health. Its special features, including an IHB (Irregular HeartBeat) indicator, WHO classification indicator and large 30-memory with an average summary function offer the user, not just a blood pressure measurement, but further additional information about your condition. A large display and one-touch measurement along with an illuminated START button are everyday tools making the use of our monitor simpler and easier for you.

- Irregular HeartBeat (IHB) indicator
- Blood pressure classification indicator
- Large 30-memory + average reading
- SlimFit comfortable cuff
- Illuminated start button
- Standard AC adapter inlet



22-32cm

\*Validated as UA-767 Plus



## UA-767 Plus



Clinically  
Validated



- Irregular HeartBeat (IHB) indicator
- Blood pressure classification indicator
- Last reading recall
- Extra large 3-line display for an easier read
- One-touch measurement
- SlimFit comfortable cuff



## UA-631



Clinically  
Validated



- Irregular HeartBeat (IHB) indicator
- Blood pressure classification indicator
- SlimFit comfortable cuff
- Fully automatic measurement
- Large 30-memory + average reading



## UA-621



- Irregular HeartBeat (IHB) indicator
- Blood pressure classification indicator
- SlimFit comfortable cuff
- Fully automatic measurement
- Large 30 -memory + average reading
- Standard AC adapter inlet

# Personal Lines

## Blood Pressure Monitors

AND

### UA-705



This convenient compact desktop monitor incorporates fast measurement and a 3-line display for simultaneous reading, with an IHB indicator, WHO classification indicator, comfortable cuff and long battery life – just press START and squeeze the rubber bulb a few times!

- Compact desktop style
- Irregular HeartBeat (IHB) indicator
- Blood pressure classification indicator
- 30-memory + average reading
- SlimFit comfortable cuff
- Uses single AA battery



### UA-704



The UA-704 has an innovative "Palm Top" style that makes blood pressure monitoring easy. This ergonomically designed monitor fits in your palm for simple and easy BP measurement. Its useful portability enables you to carry this unit anywhere for monitoring at any time.

- Innovative "Palm Top" style
- Irregular HeartBeat (IHB) indicator
- SlimFit comfortable cuff
- Uses single AA battery



### Speciality Model

### UA-782

Designed for Women



CE 0366

Be feminine...Don't dismiss your curves.

Are you surprised by the number of medical products that dismiss your femininity? Women enjoy their femininity as a part of staying vibrant & healthy. The right diet, clothes, cosmetics, exercise, etc. are just a few areas that women monitor closely.

However, as you are aware, paying attention to your health is one of the most significant factors in maintaining your femininity at any age. We designed a blood pressure monitor to help women do just that!

With the UA-782, we placed our latest technology in the uniquely shaped body of a digital BP monitor. Please take a moment to learn more...

- Smooth and fast measurements
- Irregular HeartBeat (IHB) indicator
- Blood pressure classification indicator
- 90-reading memory
- Newly designed e-Cuff
- Unique heart shaped cuff holder





## Wrist Blood Pressure Monitors

**NEW**

**UB-542**



Extra-large LCD Wrist Monitor

UB-542 is a wrist blood pressure monitor provides a stylish slim body and large LCD. This monitor has clock and calendar function that allows you to recall your morning (AM) or afternoon (PM) measurements as well as your average. It will help user to find a tendency for morning hypertension by comparing AM/PM/ALL averages.

- Extra-large LCD display
- Ultra slim design
- Fast measurement along with inflation
- Irregular HeartBeat (IHB) indicator
- Blood pressure classification indicator
- Clock & calendar
- 90-memory + average reading (AM/PM/ALL)



**UB-512**



Clinically  
Validated



Family Wrist Monitor

The UB-512 is equipped with twin 30-memory in a compact wrist monitor. It is 40% smaller and 30% lighter than our former model. This miniature monitor promises portable measurement whenever the user needs to monitor blood pressure. The UB-512 has illuminated buttons and the buttons (1 or 2) light up while a measurement is in progress.

- Ultra compact and light weight design
- Fast measurement along with inflation
- Irregular HeartBeat (IHB) indicator
- Blood pressure classification indicator
- Twin 30-memory + average reading
- Illuminated start button



**UB-511**



Clinically  
Validated



Fast and Ultra Compact Wrist Monitor

Our state-of-the-art technology brings real portability to the wrist monitor. It is 40% smaller and 30% lighter than our former model. This miniature monitor promises portable measurement whenever the user needs to monitor blood pressure.

- Ultra compact and light weight design
- Fast measurement along with inflation
- Irregular HeartBeat (IHB) indicator
- Blood pressure classification indicator
- 30-memory + average reading



**UB-510**



CE 0366

Wrist Blood Pressure Monitor

- Irregular HeartBeat (IHB) indicator
- Blood pressure classification indicator
- Comfortable wrist cuff
- Fast measurement along with inflation
- Large 30-memory + average reading

# Personal Lines

## Blood Pressure Monitors

AND

### NEW UB-351 Value Wrist Monitor



A compact unit that can perform BP measurement anywhere. An easy-to-read 3-line display shows all the values simultaneously, with 90-memory storage. An average value of the stored data will be displayed for a better understanding of the user's BP trend.

- Simple one-touch wrist measurement
- Irregular HeartBeat (IHB) indicator
- Blood pressure classification indicator
- 90-memory + average reading



#### Overview of personal BP monitors

Model	Upper arm models												UA-787 Plus
	UA-1010	UA-1020	UA-1030	UA-855	UA-854	UA-853	UA-852	UA-851	UA-767 PBT-C	UA-767 PBT	UA-767PC	UA-767NFC	
Automatic Inflation	●	●	●	●	●	●	●	●	●	●	●	●	●
One-touch Measurement	●	●	●	●	●	●	●	●	●	●	●	●	●
3-line display	●	●	●	●	●	●	●	●	●	●	●	●	●
Memory storage	90	90	90	120 x 2	90	90	90	90	25	40	280	100	60
Average reading of stored data	●	●	●	●	●	●	●	●					●
IHB indicator	●	●	●	●	●	●	●	●	●	●			●
BP classification indicator	●	●	●	●	●	●	●	●					●
Voice Announcement				●									
AC inlet	●	●	●	●	●	●	●	●	●	●	●	●	●
Clock and calendar	●	●	●	●	●	●	●	●		Built-in Clock only	Built-in Clock only	Built-in Clock only	
AM/PM memory recall w/average	●	●	●	●	●	●	●						
Histogram of memory data					●								
2 person independent memory					●								
Room temperature					●	●							
PC connectivity									●	●	●		
Bluetooth communication									●	●	●		
TriCheck™		●	●										
MyPressure		●	●										
Cuff Fit Error	●	●	●										
Movement Error	●	●	●										
Fuzzy logic inflation*	●	●	●*	●*	●	●	●	●				●	●

\* Fuzzy or MyPressure

Model	Upper arm models								Wrist models				
	UA-774	UA-767 Plus30	UA-767 Plus	UA-631	UA-621	UA-782	UA-705	UA-704	UB-542	UB-512	UB-511	UB-510	UB-351
Automatic Inflation	●	●	●	●	●	●			●	●	●	●	●
One-touch Measurement	●	●	●	●	●	●	●	●	●	●	●	●	●
3-line display	●	●	●	●	●	●	●	●	●	●	●	●	●
Memory storage	30 x 2	30	Last reading recall	30	30	90	30		90	30 x 2	30	30	90
Average reading of stored data	●	●		●	●	●	●		●	●	●	●	●
IHB indicator	●	●	●	●	●	●	●	●	●	●	●	●	●
BP classification indicator	●	●	●	●	●	●	●	●	●	●	●	●	●
Voice Announcement													
AC inlet	●	●	●		●	●				●			
Clock and calendar										●			
AM/PM memory recall w/average										●			
Histogram of memory data													
2 person independent memory	●				●	●			●	●	●	●	●
Fuzzy logic inflation*									●**	●**	●**	●**	

\*\* Inflation measurement



## Precision Personal Health Scale UC-321 CE

A new generation of personal health scales has arrived. The UC-321 boasts 50g resolution (and capacity of 150kg) in a stylish body. This scale promises to help users gain precise control of their bodyweight, from athletes to dialysis patients. Standard features such as a 31-weight data memory, Body Mass Index (BMI) calculation, and target weight setting function help the user plan a healthier lifestyle. Free software (Weight Diary) is also available to assist you in your weight management plan.

- 50g resolution
- Maximum capacity of 150 kg
- Target weight setting
- Built-in 31-measurement memory function
- BMI value calculation
- Very low profile



## Precision Personal Health Scale UC-322 CE A4 Sized Weight Watcher

The UC-322 was designed to control your bodyweight simply by measuring yourself on this scale.

- 50g resolution in a compact A4 size model
- Maximum capacity of 150kg
- Twin 15-memory
- BMI value calculation for determining your weight status
- Very low profile so easy to step onto scale



UW-100



UW-101



## 3-Axis Pedometer CE UW-100 & UW-101

The UW-100 and UW-101 are equipped with a 3-axis accelerometer, which detects motion in all directions.

This technology allows them to accurately track your steps, even if you put them in your pocket or bag! The UW-series encourages you to keep walking, a simple aerobic exercise that you can do everyday to improve your health.

### UW-100

- 3-axis accelerometer
- Slim & compact body
- Large display
- Simple operation
- User friendly
- Energy efficient with a power saving mode and long battery life

### UW-101

- 3-axis accelerometer
- Slim & compact body
- Displays steps, distance, and calories
- 14-day memory
- Clock
- Motion indicator to display walking intensity
- User friendly
- Energy efficient with a power saving mode and long battery life

## Digital Thermometer

### NEW UT-103&UT-113



#### UT-103

- 60 second reading  
(Measurement time will vary by individual and method used)
- For Oral, Underarm or Rectal use
- Beeps when measurement complete
- Last temperature reading memory
- Water-resistant sensor
- Auto power off
- °C / °F conversion



#### UT-113

- Soft, flexible tip for safer measuring
- 60 second reading  
(Measurement time will vary by individual and method used)
- For Oral, Underarm or Rectal use
- Beeps when measurement complete
- Last temperature reading memory
- Water-resistant sensor
- Auto power off
- °C / °F conversion

## Compressor Nebulizer

### NEW UN-011



This UN-011 is for the treatment of asthma, allergies and other respiratory disorders. The compressor creates a stream of air that travels through the clear tubing to the nebulizer. When air enters the nebulizer, it converts the prescribed medication into an aerosol mist for inhalation.

This device is capable of generating a medicinal mist of particles that is small enough to reach the furthest parts of your lungs to provide maximum benefit.

- One touch operation
- Convenient compact design
- Broad spectrum of medication for inhalation therapy
- Masks for children and adults
- The mouthpiece is suitable for children and adults  
(Not for use with essential oils)



A&D has been promoting quality products for both professional and home healthcare markets. Accessories for our personal products are developed with durability in mind and can be used in a wide range of locations. Selecting the proper cuff size is the first step to proper blood pressure measurement. A&D's original cuffs were designed exclusively to fit our monitors and guarantee accurate and comfortable measurement at all times.



## European Adult Preformed e-Cuff

REF CUF-U-LA

- Arm circumference: 22cm to 43cm
- Comfortable, easy-to-use cuff with air connector plug
- Compatible models: UA-787 Plus series, UA-852, UA-853, UA-854, UA-855 and UA-782

## Adult Preformed e-Cuff

REF CUF-U-A

- Arm circumference: 17cm to 32cm
- Comfortable, easy-to-use cuff with air connector plug
- Compatible models: UA-787 Plus series, UA-852, UA-853, UA-854, UA-855 and UA-782



## SlimFit Large Cuff

REF CUF-F-LA

- Arm circumference: 31cm to 45cm
- Latex-free and metal-free
- Compatible models: All A&D personal digital pressure monitors

## SlimFit Adult Cuff

REF CUF-F-A

- Arm circumference: 22cm to 32cm
- Latex-free and metal-free
- Compatible models: All A&D personal digital pressure monitors



## SlimFit Small Cuff

REF CUF-F-SA

- Arm circumference: 16cm to 24cm
- Latex-free and metal-free
- Compatible models: UA-1000 Series, UA-787Plus series, UA-852, UA-853, UA-854,UA-855 and UA-782



## Portable AC Adapter TB-233C/TB-233BF CE

- For indoor use
- Input/output: 100-240V AC 50/60Hz 6V DC 500mA
- Plug: Type C / BF
- Compatible models: A&D personal blood pressure monitors

## Application Software Doctor Pro 3

The new version of Doctor Pro increases user productivity and has superb analysis capabilities. A newly designed GUI makes processing data taken by A&D ambulatory blood pressure monitors easy for professionals. The new software has inherited all the analyzing graphs from its former version, including Trend, Correlation, Histograms, Circadian Rhythm analysis and a Hyperbaric Index (HBI or BP load) with a newly designed screen. Doctor Pro 3 and our ABPM can be connected via a USB.

A&D devices that can be connected with Doctor Pro 3: TM-2430 ambulatory BPM  
UA-767PC



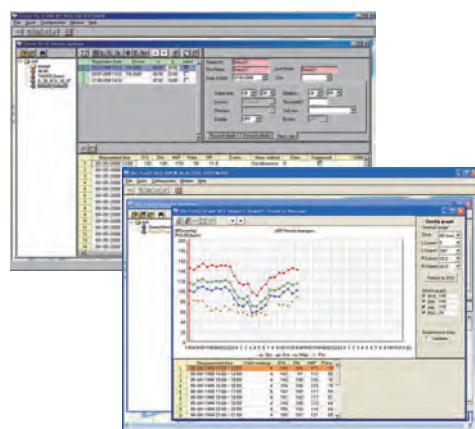
## Doctor Pro Lite

Doctor Pro 3 Lite is a limited edition\* of Doctor Pro 3 (application software) that connects the TM-2430 and the UA-767PC blood pressure monitors to a Windows PC. This software is downloadable from A&D's website.

(USB connection cable AX-KO3057-200 is required).

\* Only trend and table function is available

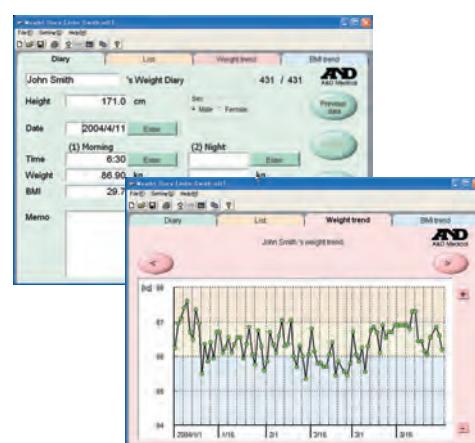
Compatible models: TM-2430 ambulatory BPM & UA-767PC



## Weight Diary

The Weight Diary is designed to enhance the usage of the UC-321, UC-321P and UC-322 Precision Personal Scales. It can be used not only to show your weight trend and BMI, but also to record your daily diet and activities. This software is downloadable from A&D's website for all Precision Personal Scale users. (Data should be entered manually when used with the UC-321 & UC-322.)

Compatible models: UC-321P (UC-321/UC-322)





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